

Docket No. 0213-1430-2



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF: Toshinari SUZUKI, et al.

SERIAL NO: 09/596,067

GAU: 2121

FILED: June 16, 2000

EXAMINER: Ronald D. Hartman, Jr.

FOR: WEIGHT IDENTIFICATION METHOD AND FEEDBACK CONTROL METHOD

**INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97**

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

SIR:

Applicant(s) wish to disclose the following information.

**REFERENCES**

- ☒ The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☒ A check is attached in the amount required under 37 CFR §1.17(p).

**RELATED CASES**

- ☐ Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. A copy of the patent(s), together with a copy of the claims and drawings of the pending application(s) is attached along with PTO 1449.
- ☐ A check is attached in the amount required under 37 CFR §1.17(p).

**CERTIFICATION**

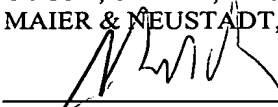
- ☐ Each item of information contained in this information disclosure statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

**DEPOSIT ACCOUNT**

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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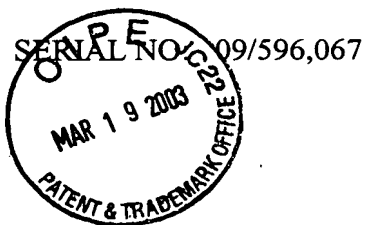
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DOCKET NO: 0213-1430-2

Sheet 1 of 1



Group Art Unit: 2121

STATEMENT OF RELEVANCY

**Reference AO (JP 6-222839) on Form 1449:**

Please note that it discloses that a mechanism, as the object of control, includes a controller which controls two model areas having independent characteristics, and an another controller which controls a transient change areas having an intermediate characteristics between the two independent characteristics. The mechanism decides a degree as to whether the model areas or the transient change areas should be controlled based on state value such as a position or a operating force, etc., and determines each weight value to be multiplied a output value of each controller such that the sum of the weight values becomes 1.

**Reference AP (JP 10-110818) on Form 1449:**

Please note that it discloses a slip control device determining a clutch control command value according to a coefficient, a state quantity and a controlled value-deviation which have been calculated so as to meet a responsiveness and a stability of a system which feedback-controls a slip state of the clutch.